

CTE Course Description and Standards Crosswalk

Course Information

Course Name	Logistics 2
Course Number	86680
Number of High School Credits	.5
Sequence or CTEPS (You must first have the Sequence or CTEPS entered into the EED-CTE system.)	Logistics
Date of district Course Revision	February 2014

Career & Technical Student Organization (CTSO)

CTSO embedded in this sequence	BPA
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Occupational Standards

Source of Occupational Standards	National Business Educators Association (NBEA)
Names/Numbers of Occupational Standards	Management (MGMT), Career Development (CD), Entrepreneurship (EN), Information Technology (IT)

Registration Information

Course Description (brief paragraph – as shown in your student handbook or course list)	Logistics 2 is designed to introduce the fundamentals of warehouse management and inventory control operations and how both fit into the total supply and logistics chains. The course will also explore the physical aspects of warehouse, layout, coding, safety, materials handling, and inventory issue techniques and their implications (both good and bad) for an organization. Employment in logistics is available in all career pathways.
Instructional Topic Headings (please separate each heading by a semi-colon)	Managing a Warehouse; Warehouse Buildings; External Inventory Yards; Materials Handling; The Unit Load; Materials Handling Equipment; Inventory Standardization and Coding; Inventory Issue Process; Inventory Management and Control Systems; Physical Inventory Checking; Safety and Security in Inventory Management

Summative Assessments and Standards

Technical Skills Assessment (TSA)	None
Course addresses:	
New Alaska ELA and Math Standards	Yes
Alaska Cultural Standards	Yes
All Aspects of Industry (AAI)	Yes
Core Technical Standards	Yes
Employability Standards	Yes

Employability Standards

Source of Employability Standards	State of Alaska
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Tech Prep

Current Tech Prep Articulation Agreement? (Y/N)	Y
Date of Current Agreement	May 2013
Postsecondary Institution Name	UAA
Postsecondary Course Name	Warehouse Management & Inventory Control
Postsecondary Course Number	LGOP A120
# of Postsecondary Credits	3

DISTRICT NAME: Mat-Su Borough School District

Source of Occupational Skills Standards

Source/Organization/ Agency	Acronym	Website or Location of Information	Section, Chapters referenced in Performance Standards etc.	Date of Edition or Version
National Business Education Standards	NBEA	www.nbea.org	Management, Career Development, Information Technology, Entrepreneurship	2013

Additional CTE Course Information

Author	
Course developed by	Revised by Theresa Whitehurst
Course adapted from	Logistics 2
Date of previous course revision	October 2006
Course Delivery Model	
Is the course brokered through another institution or agency? (Y/N)	No

Standards Alignment

Student Performance Standards (Learner Outcomes or Knowledge & Skill Statements)	Specific Occupational Skills Standard	Common Technical Core Standards	New Alaska ENG/LA Standards	New Alaska Math Standards	Alaska Cultural Standards	Employability/ Career Readiness Standards	All Aspects of Industry/ Systems	Assessment
Understand the importance of warehouse safety and security.	MGMT X.C	TD-LOG1,2 TD5 MK6 MK-MER3	SL 9-12.1 L 9-12.6 RST 9-12.10 WHST 9-12.8		B2,4	A2,5	Technical Skills Health/Safety	Common Assessment & Portfolio
Understand the importance and role of warehouses, external inventory yards, and equipment.	MGMT XI	TD-LOG1,2 MK-MER3 TD-WAR1-3 TD1-3	SL 9-12.1 L 9-12.6 RST 9-12.10 WHST 9-12.8		B2,4	A2,5	Technical Skills Management Planning	Common Assessment & Portfolio
Identify the key steps in inventory standardization and coding	MGMT VIII & XI	TD-LOG1,2 TD1,2,3 TD-WAR1,2,3	RST 9-12.3	A.APR.7	B2,4	A2,5	Technical Skills Technology Planning	Common Assessment & Portfolio
Understand the role of the inventory issue process within warehouse and materials management.	MGMT XI	TD-LOG1,2 MK6 MK-MER3 TD-WAR1-	SL 9-12.1 L 9-12.6 RST 9-12.10		B2,4	A2,5	Technical Skills Management	Common Assessment & Portfolio

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		3	WHST 9-12.8				Planning	
Describe inventory control procedures and systems.	MGMT XI	TD-LOG1,2 MK6 MK-MER3 TD-WAR1-3	RST 9-12.3	S-IC.6	B2,4	A2,5	Technical Skills Technology Planning	Common Assessment & Portfolio
Understand the types, role, and importance of inventory.	MGMT XI	TD-LOG1,2 MK6 MK-MER3 TD-WAR1-3	SL 9-12.1 L 9-12.6 RST 9-12.10 WHST 9-12.8	S-IC.6	B2,4	A2,5	Technical Skills Technology Planning	Portfolio
Explain the nature and importance of materials handling and the variety of equipment involved.	MGMT X.C & IV.D	TD-LOG1,2 TD1,2,3	SL 9-12.1 L 9-12.6 RST 9-12.10 WHST 9-12.8		B2,4	A2,5	Technical Skills Health/Safety	Common Assessment & Portfolio
Explain the concept and procedures of warehouse and materials management.	MGMT IV.D	TD-LOG1,2 MK6 MK-MER3 TD-WAR1-3	SL 9-12.1 L 9-12.6 RST 9-12.10 WHST 9-12.8 RST 9-12.3		B2,4	A2,5	Technical Skills Technology Management	Common Assessment & Portfolio
Understand the importance of computer program management throughout warehouse and materials management.	MGMT VIII	TD-LOG1,2 MK6 MK-MER3 TD-WAR1-3	SL 9-12.1 L 9-12.6 RST 9-12.10 WHST 9-12.8		B2,4	A2,5	Technical Skills Technology Planning Management	Portfolio
Recognize and use a variety of warehousing and inventory control forms and procedures.	MGMT I.D & IV.D	TD-LOG1,2 MK6 MK-MER3	RST 9-12.3	A-APR.7 S-IC.6	B2,3,4	A2,5	Technical Skills Planning	Common Assessment & Portfolio

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		TD-WAR1-3						
Discuss the role of information technology in the future of warehouse management and inventory control.	MGMT VIII	TD-LOG1,2 MK6 MK-MER3 TD-WAR1-3	SL 9-12.1 L 9-12.6 RST 9-12.10 WHST 9-12.8		B2,3,4	A2,5	Technical Skills Planning	Common Assessment & Portfolio
Identify career opportunities in logistics.	CD I, II, & III	BM3,5,6	L.9-12.6 SL.9-12.6 WHST.9-12.6	S-MD.6 S-IC.6	B2,3,4	A1,2,3,4,5,6,7 B1,2,3,4,5	Technical Skills Planning Technology	AKcis Portfolio
Participate in CTSO classroom activities.	EN-I CD-IV CD-V	BM3,5,6	L.9-12.6 SL.9-12.6 SL.9-12.1.a-d		B2,3,4 C4 D6 E7,8	A2,5	Technical Skills Technology Planning Labor Work Habits	BPA Competitions
Follow professional ethics including software licensing, copyright and intellectual property laws.	IT-I,II	BM2,5,6 IT 4	WHST.9-12.8 L.9-12.6		B2,3,4	A1,2,5,7	Technical Skills Technology Work Habits	Statement of Authenticity
Recognize entrepreneurship opportunities and the role of employer vs. employee.	IT-XVII EN-I CD-V	BM3,5,6	L.9-12.6 SL.9-12.6	S-MD.6 S-IC.6	B2,4	A2,5	Technical Skills Labor	BPA-Small Business Management Team Work Keys
Demonstrate safe use of tools and equipment, cyber safety and ergonomic safety in the workplace.	IT-I	BM5,6 IT4	L.9-12.6 WHST.9-12.8		B2,4	A1,6	Technical Skills Health/Safety	AK EED Safety Manual Business & Information Systems
Practice and promote ethics and ethical behavior in the	CD-IV	BM2,5,6	WHST.9-	S-MD.6	B2,3,4	A,1,2,5	Technical	CTSO

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Alaska Department of Education and Early Development

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workplace	CD-V	IT4	12.8	S-IC.6			Skills Work Habits Management	Participation Work Keys

Instructional Resources

List the major instructional resources used for this course: (websites, textbooks, essential equipment, reference materials, supplies)
Spares Management. McGraw-Hill Higher Education, Columbus, Ohio.

Warehouse Management and Inventory Control. Dr. Phillip Price and Natalie Harrison, Eagle River, AK: Access Education. ISBN 978-1-934231-02-9. (To be published January 2007.)